Our sincere thanks to
the following organizations
for their support of this event:

LANL Director's Office

LANL PADSTE Office

LANL Postdoc Program Office

Crossroads Bible Church

Brochure prepared by the STBPO-EPDO Postdoc Program Office

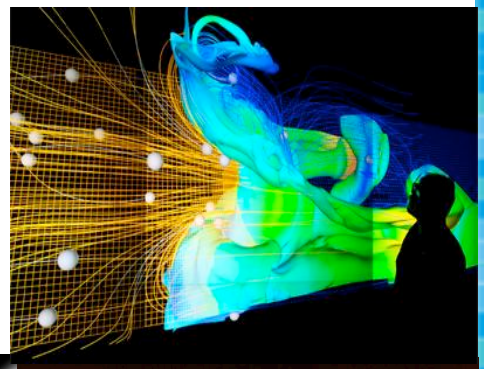
Los Alamos
NATIONAL LABORATORY
EST. 1943

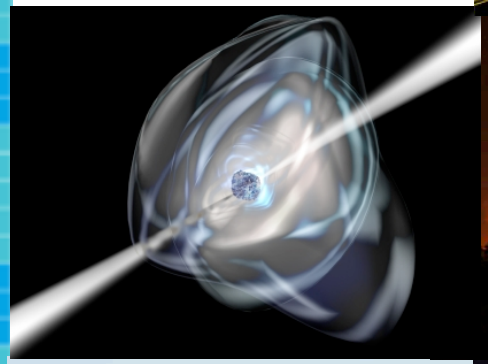
LAPA
Los Alamos Postdoc Association
Est. 2006

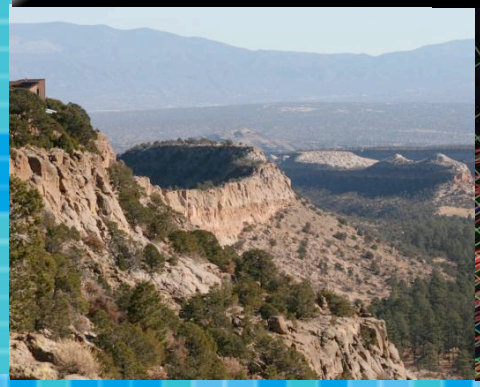
LANL Postdoc Career Fair 2011

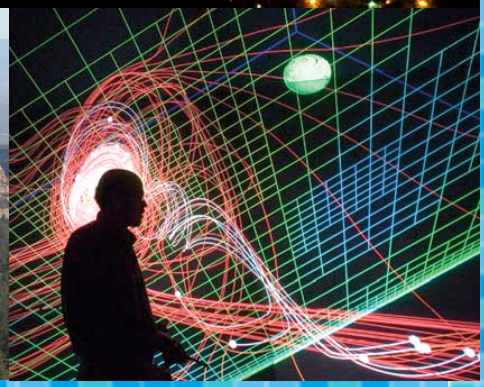
August 30th – September 1st, 2011

Welcome to
Los Alamos
National
Laboratory
Los Alamos,
New Mexico









The
Los Alamos Postdoc
Association
and the
LANL Postdoc Program
Office,
on behalf of all Career Fair
participants, thank

Intel

and

Procter & Gamble

for their contribution
in support of the
2011
LANL Career Fair

Spectra Logic designs and manufactures simple, reliable and scalable storage solutions to store, backup, archive, and protect data. Our people, processes, and technologies deliver a future-proof architecture to address the problems of data growth, costs, security, storage efficiency, tiering and reliability. In Spectra's thirty-year history, we have helped tens of thousands of customers worldwide gain control of their data storage needs with our modular T-Series tape libraries, nTier disk storage systems, and BlueScale™ software. Spectra provides unmatched customer service and uptime through SpectraGuard™ programs that currently support organizations such as NASA, Argonne National Labs, GMAC, Exempla Healthcare, The US Army, National Geographic Global Media, Sky TV and the New England Sports Network (NESN).

Headquartered in Boulder, Colorado, Spectra Logic is a privately held company that has grown from several students in a dorm room to over 300 team members around the world. We are always looking for talent and drive in all departments. If you are a qualified and capable individual interested in working as a "co-owner" of a successful corporation, a variety of career openings await you at Spectra Logic. See a complete list of career opportunities at www.spectralogic.com.

Disciplines

Software Engineers (expert C++ and ruby developers, BSD/Linux Kernel Developers), Electrical Engineers, Technical Support Specialists, Test Engineers

www.spectralogic.com

Procter & Gamble

Procter & Gamble, the world's largest consumer goods products company with annual sales over $79 billion, one of the strongest portfolios of trusted, quality, leadership brands including 23 brands with annual sales greater than $1 billion each. P&G has almost 135,000 employees, including about 1,100 doctoral level researchers.

Disciplines

Biological and Environmental Sciences, Computing and Computational Sciences, Energy and Engineering Sciences, Global Security, Physical Sciences, Neutron Sciences.

www.pg.com

Sandia National Laboratories

Sandia National Labs is the premier engineering and science lab for national security and technology. This lab grew out of America's World War II atomic bomb development effort. Today, Sandia is a center for innovation and creativity, a place where science, technology and national security intersect. Sandia is a place where the nation's best engineers, innovators and educators partner to solve problems and train the next generation of scientists and engineers. Sandia has major locations in Albuquerque, NM and Livermore, CA. Sandia carries out research in:

- Nuclear weapons
- Defense Systems and Assessments
- Energy, Climate and Infrastructure Security
- International, Home and and Nuclear Security
- Homeland Security and Defense

Our fundamental commitment is to provide innovative, science-based systems engineering solutions to the most challenging problems that threaten peace and freedom for our nation and the world.

Disciplines

Computer Science – M.S./Ph.D., Computer Engineer – M.S./Ph.D.; Mechanical Engineer – M.S./Ph.D.; Electrical Engineer – M.S./Ph.D.; Physics – Ph.D.; Chemistry – Ph.D.; Materials Science – Ph.D.; Systems Engineering – Ph.D.

www.sandia.gov

Schedule of Events

Tuesday, August 30th

8:00am - 5:00pm **Company Info Sessions**
Otowi Building, 3rd Floor

5:30pm - 7:00pm **Reception/Meet & Greet**
Fuller Lodge

Wednesday, August 31st

8:00am - 9:30am **Company Info Sessions**
Otowi Building, 3rd Floor

Career Fair Booth Set Up
Crossroads Facility

9:30am - 2:00pm **Career Fair**
Crossroads Facility

2:30pm - 5:00pm **Interviews**
Crossroads Facility

Thursday, September 1st

8:00am - 5:00pm **Interviews**
Crossroads Facility

3M Company is fundamentally a science-based company. 3M captures the spark of new ideas and transforms them into thousands of ingenious products, and we're a leader in scores of markets - from health care and highway safety to office products and abrasives and adhesives. Our culture of creative collaboration inspires a never-ending stream of powerful technologies that make life better. 3M is the innovation company that never stops inventing. With $27 billion in sales, 3M employs about 80,000 people worldwide and has operations in more than 65 countries. All of this is made possible by the people of 3M and their singular commitment to make life easier and better for people around the world.

Disciplines
Material Science and Engineering, Chemistry, Biological Sciences, Chemical Engineering, Physics

www.3m.com

AEROSPACE
Assuring Space Mission Success

The **Aerospace Corporation** operates a federally funded research and development center (FFRDC) for the United States Air Force, and provides objective technical analyses and assessments for space programs that serve the national interest. As the FFRDC for national-security space, Aerospace has supported long-term planning and the immediate needs of our nation's military and reconnaissance space programs since the corporation was founded in 1960.

Disciplines
Electrical Engineering, Mechanical Engineering, Aerospace Engineering, Computer Science, Math, Physics, Chemistry, Material Science, Industrial Engineering

All applicants are subject to a security investigation for access to classified information

www.aero.org

Pacific Northwest
NATIONAL LABORATORY
Proudly Operated by Battelle *Since 1965*

Pacific Northwest National Laboratory, located in Richland, on the sunny eastern side of Washington State, is one of the U.S. Department of Energy's (DOE's) ten national laboratories managed by DOE's Office of Science. PNNL also performs research for other DOE offices as well as government agencies, universities, and industry to deliver breakthrough science and technology to meet today's key national needs. Our Laboratory provides the facilities, unique scientific equipment, and world-renowned scientists/engineers to strengthen U.S. scientific foundations for fundamental research and innovation. In addition, we work to prevent and counter acts of terrorism through applied research in information analysis, cyber security, and the non-proliferation of weapons of mass destruction. PNNL also focuses on increasing U.S. energy capacity and reducing dependence on imported oil through research of hydrogen and biomass-based fuels, and reduces the effects of energy generation and use on the environment. PNNL currently has approximately 4,900 staff members and a business volume of more than $1.1 billion. The William R. Wiley Environmental Molecular Sciences Laboratory, a DOE Office of Science national scientific user facility, is located on PNNL's Richland campus. PNNL operates a marine research facility in Sequim, and has satellite offices in Seattle and Tacoma, Washington; Portland, Oregon; and Washington, D.C.

Disciplines
All areas of Science and Engineering.

www.pnl.gov

1951–2011
LINCOLN LABORATORY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

MIT Lincoln Laboratory is a federally funded research and development center chartered to apply advanced technology to problems of national security. Research and development activities focus on long-term technology development as well as rapid system prototyping and demonstration. These efforts are aligned within key mission area. The Laboratory works with industry to transition new concepts and technology for system development and deployment.

Disciplines

Electrical Engineering, Physics, Computer Science, Biochemistry, Optics, and related degrees.

www.ll.mit.edu

OAK RIDGE
National Laboratory

Oak Ridge National Laboratory is the Department of Energy's (DOE's) largest science and energy laboratory with over 4,400 staff from more than 80 countries, 3,000 guest researchers, 12 user facilities and a budget of approximately $1.4 billion. The Lab supports the Department of Energy's mission through six major scientific competencies in energy, neutron sciences, high-performance computing, complex biological systems, materials research and national security.

Disciplines

Biological and Environmental Sciences, Computing and Computational Sciences, Energy and Engineering Sciences, Global Security, Physical Sciences, Neutron Sciences.

www.ornl.gov/

APPLIED MATERIALS

Deep inside every semiconductor or flat screen display is a piece of Applied Materials' DNA. Our technologies help make innovations like smartphones, flat screen TVs and solar panels more affordable and accessible to consumers and businesses around the world. At Applied Materials, we turn today's innovations into the industries of tomorrow.

We offer a wide variety of job opportunities and mentorship/transition programs for university students and recent college graduates to assist them in becoming technology leaders.

Disciplines

Semiconductor Process Technology, TSV, Wafer Level Packaging
EUV, Plasma Physics, Large Energy Storage, Photovoltaics, Flexible Solid State Electronics, LED

www.appliedmaterials.com/

Chevron

Human Energy™

Chevron is one of the world's leading integrated energy companies, with subsidiaries that conduct business worldwide. The company's success is driven by the ingenuity and commitment of its employees and their application of the most innovative technologies in the world. Chevron is involved in virtually every facet of the energy industry. The company explores for, produces and transports crude oil and natural gas; refines, markets and distributes transportation fuels and other energy products; manufactures and sells petrochemical products; generates power and produces geothermal energy; provides energy efficiency solutions; and develops the energy resources of the future, including biofuels. Chevron is based in San Ramon, Calif. More information about Chevron is available at www.chevron.com.

Disciplines

Facilities Engineers, Petroleum & Drilling Engineers, and Earth Scientists

www.chevron.com

Center for Naval Analysis

The objective of **CNA**, empirical research and analysis, helps decision makers develop sound policies, make better-informed decisions, and manage programs more effectively. We take a multi-disciplinary, field-based "real world" approach to our work, and provide public-sector organizations with the tools they need to tackle the complex challenges of making government more efficient and keeping our country safe and strong. CNA pioneered the field of operations research and analysis nearly 70 years ago and, today, applies its efforts to a broad range of national security, defense and public interest issues including education, health care and public health, homeland security, human capital management, and air traffic management.

At CNA we analyze and solve problems by getting as close as possible to the people, the data – and the problems themselves – in order to find the clear, credible answers government leaders need to choose the best course of action.

CNA's leadership team is comprised of men and women drawn from the fields of business, government, public service and the military. Their decades of experience, and records of accomplishment, lend substantive experience to our work. We take a systematic, evidence-based approach to problem solving. We define the problem, collect data through observation and experiment, and formulate and test hypotheses, to deliver impartial answers grounded in a thorough understanding of the issues.

Disciplines

National security, education, health care, homeland security, community safety, human capital management and air traffic management, engineering, mathematics, economics, international relations, national security, public policy, history, psychology and many other scientific and professional fields.

All applicants are subject to a security investigation and must meet eligibility requirements for access to classified information

www.cna.org

Lovelace™

The Lovelace Respiratory Research Institute is a private biomedical research organization dedicated to improving public health through research on the prevention, treatment, and cure of respiratory disease.

Equipped with a broad range of technical expertise and a wealth of research capabilities, LRRI studies respiratory health issues of concern to scientists and health care experts in universities, government, industry, and patient advocacy groups. We are committed to curing respiratory diseases through research aimed at understanding their causes and biological mechanisms; assessing and eliminating exposures to respiratory health hazards; and developing improved therapeutics, vaccines, and diagnostics.

The Institute readily opens its unique research facilities to university, government, and private collaborators.

Disciplines

Chemistry, Biochemistry, Biology, Toxicology, Cardiology, Immunology, Virology, Microbiology

www.lrri.org

Lawrence Livermore National Laboratory

Lawrence Livermore National Laboratory (LLNL) is one of the most prestigious research institutions in the world. LLNL is a "first-class" laboratory for science and technology solutions to the toughest and most important problems affecting national and global security. Right now the nation faces tremendous challenges; many of them related to national, economic, energy, and environmental security. Successfully meeting these challenges will require innovative and game-changing new science and technology discoveries and solutions.

At LLNL, teams of physicists, chemists, biologists, engineers and other researchers work together to achieve technical innovations and scientific breakthroughs and transform these advances into solutions to nationally important problems. We are recognized for our excellence in business and operations and our responsible stewardship of the resources entrusted to us. If you are interested in contributing to pushing the frontiers of knowledge to build the scientific and technological foundation that will be needed to address the national security issues of the future then we invite you to apply! As an employee at Lawrence Livermore you will be choosing a career that REALLY makes a difference.

Disciplines

Professional, Technical and Scientific Services

Applicants selected will be subject to a Federal Background Investigation and must meet eligibility requirements for Access to a DOE L or Q Clearance which normally requires U.S. citizenship. If you hold dual citizenship (U.S. and another country), you will be required to renounce your other citizenship before a DOE L or Q clearance will be processed/ granted

www.llnl.gov

COMPA Industries, Inc. (COMPA) is a minority, woman-owned small business, established in 1986. Headquartered in Albuquerque, New Mexico, COMPA has offices in Nevada, California, Idaho, and Washington State. For over 24 years, COMPA has prided itself in, and attributes its lengthy record of success to, its business model, the care of its employees and the respect it pays to all its clients — COMPA is where Experience Makes a Difference.

COMPA has valuable expertise and specializes in the field of Administrative and Professional Services, with emphasis on Scientists, Engineers, Project Management, Project Controls and Records Management personnel. Currently and throughout its history, COMPA has had multiple contracts in support of the missions of Federal agencies such as the Department of Defense, the Department of Energy and the Department of Homeland Security to supply contract personnel in disciplines ranging from Professional, Technical, and Administrative Support.

Disciplines

Training Coordinator, Physician Assistant, Computing System Professional, Electrical Safety Inspector, Staffing Specialist, Senior Program Manager, Administrator

www.compa.com

DuPont is a science company. Founded in 1802, DuPont puts science to work by solving problems and creating solutions that make people's lives better, safer, and easier. Operating in more than 70 countries, DuPont offers a wide range of products and services to markets including agriculture, nutrition, electronics, communications, safety and protection, home and construction, transportation, and apparel. Please visit our website for more information: www.dupont.com/careers.

Disciplines
Ph.D.

www.dupont.com

ExxonMobil™

ExxonMobil is a Research company to produce new technologies for the exploration and production of oil and natural gases.

Disciplines
Ph.D. in Engineering Science (including but not exclusive to chemical, mechanical, aerospace, civil, and geotechnical), applied mathematics, physics, materials science, chemistry or a related field.
Strong analytical and problem solving capabilities.
Strong communication and presentation skills.
Aptitude for working in team environments.
Ability to carry out independent research.

www.exxonmobil.com

Lawrence Berkeley National Laboratory (Berkeley Lab) is a member of the national laboratory system supported by the U.S. Department of Energy through its Office of Science. It is managed by the University of California (UC) and is charged with conducting unclassified research across a wide range of scientific disciplines.

Disciplines
Biosciences, Computer/Computational Sciences, Energy and Environmental Sciences, General Sciences, and Operations

www.lbl.gov

Lam Research Corporation is a leading supplier of wafer fabrication equipment and services to the worldwide semiconductor industry, where we have been advancing semiconductor manufacturing for over 30 years. The Company has been number one in plasma etch market share for 10 consecutive years and maintains the largest installed base of single-wafer wet clean modules. We are dedicated to the success of our customers by being the world-class provider of innovative productivity solutions. With our broad product portfolio and expert customer support, we leverage our expertise to address some of today's most advanced semiconductor processing challenges. With each new technology node, additional requirements and challenges drive the need for advanced manufacturing solutions. We strive to consistently deliver these advanced capabilities with cost-effective production performance. Lam's leading etch products address a broad range of applications, from conductor and dielectric etch to emerging micro-electromechanical systems (MEMS), deep silicon, and three-dimensional integrated circuit (3-D IC) applications. Our wafer cleaning solutions incorporate proprietary single-wafer spin, linear, and plasma-based clean technologies, allowing our customers to implement customized yield enhancing solutions. Lam's Customer Support Business Group provides products and services to maximize installed equipment performance and operational efficiency. A full suite of offerings – including customer service, spares, upgrades, refurbishment, legacy products, and technical training – deliver value throughout the complete equipment lifecycle, from system installation, production ramp, and new technology upgrades through end-of-life asset management.

Lam Research maintains local service, sales, and support offices in Asia, Europe, and North America in order to meet the needs of its global customer base.

Disciplines

Technical disciplines such as engineering in plasma etch, clean, chemical, electrical, mechanical, process, product, RF and field experience

www.lamresearch.com

In operation since 1949**, Idaho National Laboratory** is a science-based, applied engineering national laboratory dedicated to supporting the U.S. Department of Energy's mission in nuclear energy research, science, and national defense. With 3,500 scientists, researchers and support staff, the laboratory works with national and international governments, universities and industry partners to discover new science and develop technologies that underpin the nation's nuclear and renewable energy, national security and environmental missions.

Disciplines

Materials science, physics, chemistry, electrical engineering, decision sciences, nuclear engineering, mechanical engineering, mathematics, computer science

Will not be present at the Career Fair but they have a copy of all submitted CVs. They do have openings.

www.inl.gov

IDA Institute for Defense Analyses

The Institute for Defense Analyses is a non-profit corporation that operates three federally funded R&D centers that provide objective analyses for the U.S. Government on national security issues requiring scientific and technical expertise. IDA works for the government, not directly for the military nor for private industry. IDA provides high caliber and timely analyses. While working closely with sponsors to define research goals, IDA enforces a rigorous review to ensure its analyses and conclusions are thorough and sound. More than 50 Years of Analytic Excellence IDA traces its roots to 1947, when Secretary of Defense James Forrestal established the Weapons Systems Evaluation Group (WSEG) to provide technical analyses of weapons systems and programs. In the mid-1950s, the Secretary of Defense and the Chairman of the Joint Chiefs of Staff asked MIT to form a civilian, nonprofit research institute. The Institute would operate under the auspices of a university consortium to attract highly qualified scientists to assist WSEG in addressing the nation's most challenging security problems.

IDA has modified its structure to remain responsive to sponsor needs. In 1958, at the request of the Secretary of Defense, IDA established a division to support the newly created Advanced Research Projects Agency. Subsequent divisions were established under what became IDA's primary research center - the Studies and Analyses Center. The Simulation Center was created in the 1990s to focus on advanced distributed simulation, and most recently, the Joint Advanced Warfighting Program was established to develop new operational concepts. IDA further broadened its scope to provide support to the NSA under a new research center - the Centers for Communications and Computing - and, in 2003 by assuming responsibility for what has become our third research center - the Science and Technology Policy Institute - which supports the Office of Science and Technology Policy for the Executive Office of the President. Support of other federal agencies includes research performed for the Department of Homeland Security, NASA, the Director of National Intelligence, and others.

Disciplines

Ph.D. self-starting professionals in the following areas: Chemistry; Computer and Information Sciences; Cyberspace Operations; Economics; Electrical Engineering; Mathematics or Operations Research; Physics; Physical Sciences; Science or Engineering Ph.D. with an Economics or Finance Undergrad; Science Ph.D. with concentration in Social Networking Statistics.

Must have the ability to obtain a US Dept. of Defense Security Clearance for Access to Classified Information which normally requires US citizenship

www.ida.com

intel

We are leaders, in technology and in the world. We advance technology. But we measure progress by how we improve the world around us. That means investing. In our people. In the young students who will become the next generation of innovators. And in the communities where we operate around the globe. After all, it's one thing to be one of the top global brands. And another to inspire greatness in our industry, and beyond. We are Intel. Sponsors of Tomorrow.

Disciplines

Applied Physics, Chemical Engineering, Computer Science, Computer Engineering, Construction Management, Electrical Engineering, Environmental Engineering, Industrial Engineering, Materials Science, Mechanical Engineering, Math/Statistics

www.intel.com